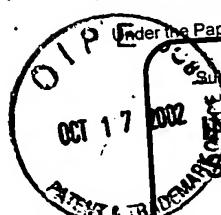


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STATEMENT BY APPLICANT**

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Sheet 1

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Application Number	10/051,417
Filing Date	01/17/2002
First Named Inventor	Bart R. Jones et al.
Group Art Unit	3748
Examiner Name	Kyle Riddle
Attorney Docket Number	1062-022

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Kern		3,724,599	Heidacker	04/03/1973	
Kern		3,903,350	Baird	09/02/1975	
Kern		3,993,126	Taylor	11/23/1976	
Kern		4,101,003	Timour et al.	07/18/1978	
Kern		4,266,604	Sumikawa et al.	05/12/1981	
Kern		4,301,775	Smart et al.	11/24/1981	
Kern		4,345,552	Kasting et al.	08/24/1982	
Kern		4,492,267	Cadars	01/08/1985	
Kern		4,531,578	Stay et al.	07/30/1985	
Kern		4,540,044	Lenz	09/10/1985	
Kern		4,576,223	Humpolik et al.	03/18/1986	
Kern		4,586,566	Kern et al.	05/06/1986	
Kern		4,600,051	Wehrman	07/15/1986	
Kern		4,678,026	Lenz et al.	07/07/1987	
Kern		4,709,689	Simcox	12/01/1987	
Kern		4,709,757	Bly	12/01/1987	
Kern		4,735,261	Huebner	04/05/1988	
Kern		4,898,261	Winberg et al.	02/06/1990	
Kern		4,930,469	Kamprath et al.	06/05/1990	
Kern		4,939,923	Sharp	07/10/1990	

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FOREIGN PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
Kern		GB 2 245 931A	Rover Group Limite	01/05/1992		
Kern		DE 39 27 955A1	Behr GmbH	02/28/1991		
Kern		DE 37 20 483A1	Showa Aluminum K.K.	01/28/1988		
Kern		DE 38 09 944A1	Suddeutsche Kuhlerfabrik	10/12/1989		
Kern		WO 01/44311A1	The Dow Chemical Co.	06/21/2001		
Kern		JP408132529A	Miura Morimichi	05/1996		
Kern		JP411302480A	Aoyama et al.	11/1999		
Kern		JP11207826	Three Bond Co. Ltd.	03/08/1999		
Kern		JP200210947	Hitachi Chem Co. Ltd.	02/08/2000		
Kern		EP0992674A2	Alusuisse Technology	12/04/2000		

Examiner Signature

Kern R. Jones

Date Considered

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Application Number	10/051,417
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Group Art Unit	
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Attorney Docket Number	1062-022

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JM	4,940,086	Stay			07/10/1990	
JM	4,951,783	Kamprath et al.			08/28/1990	
JM	5,083,537	Onofrio et al.			01/28/1992	
JM	5,107,924	Herbert et al.			04/28/1992	
JM	5,158,045	Arthur et al.			10/27/1992	
JM	5,188,078	Tamaki			02/23/1993	
JM	5,195,581	Puntambekar et al.			03/23/1993	
JM	5,223,684	Li et al.			06/29/1993	
JM	5,284,203	Dauvergne			02/08/1994	
JM	5,329,903	Mueller et al.			07/19/1994	
JM	5,531,196	Clark			07/02/1996	
JM	5,575,256	Peters et al.			11/19/1996	
JM	5,617,825	Altmann et al.			04/08/1997	
JM	5,636,605	Nomizo et al.			06/10/1997	
JM	5,636,607	Sattler et al.			06/10/1997	
JM	5,669,350	Altmann et al.			09/23/1997	
JM	5,704,325	Sattler et al.			01/06/1998	
JM	5,704,335	Akutagawa et al.			01/06/1998	
JM	5,715,782	Elder			02/10/1998	
JM	5,743,011	Dickerson et al.			04/28/1998	

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Application Number	10/051,417
Filing Date	01/17/2002
First Named Inventor	Bart R. Jones et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	1062-022

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Application Number	10/051,417
Filing Date	01/17/2002
First Named Inventor	Bart R. Jones et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	1062-022

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
Kurt		Co-pending Application Serial No. 09/766,792.	
Kurt		Co-pending Application Serial No. 09/825,721.	
Champ		Co-pending Application Serial No. 09/826,477.	
Kurt		Co-pending Application Serial No. 09/921,636.	
Kurt		Co-pending Application Serial No. 09/922,030.	OCT 21 2002
Kurt		Provisional Application Serial No. 60/260,570.	RECEIVED TECHNOLOGY CENTER R3700

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Bart R. Jones

Date Considered

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